

Supplementary information

Aromatic ionomer in the anode catalyst layer improves start-up durability of polymer electrolyte fuel cells

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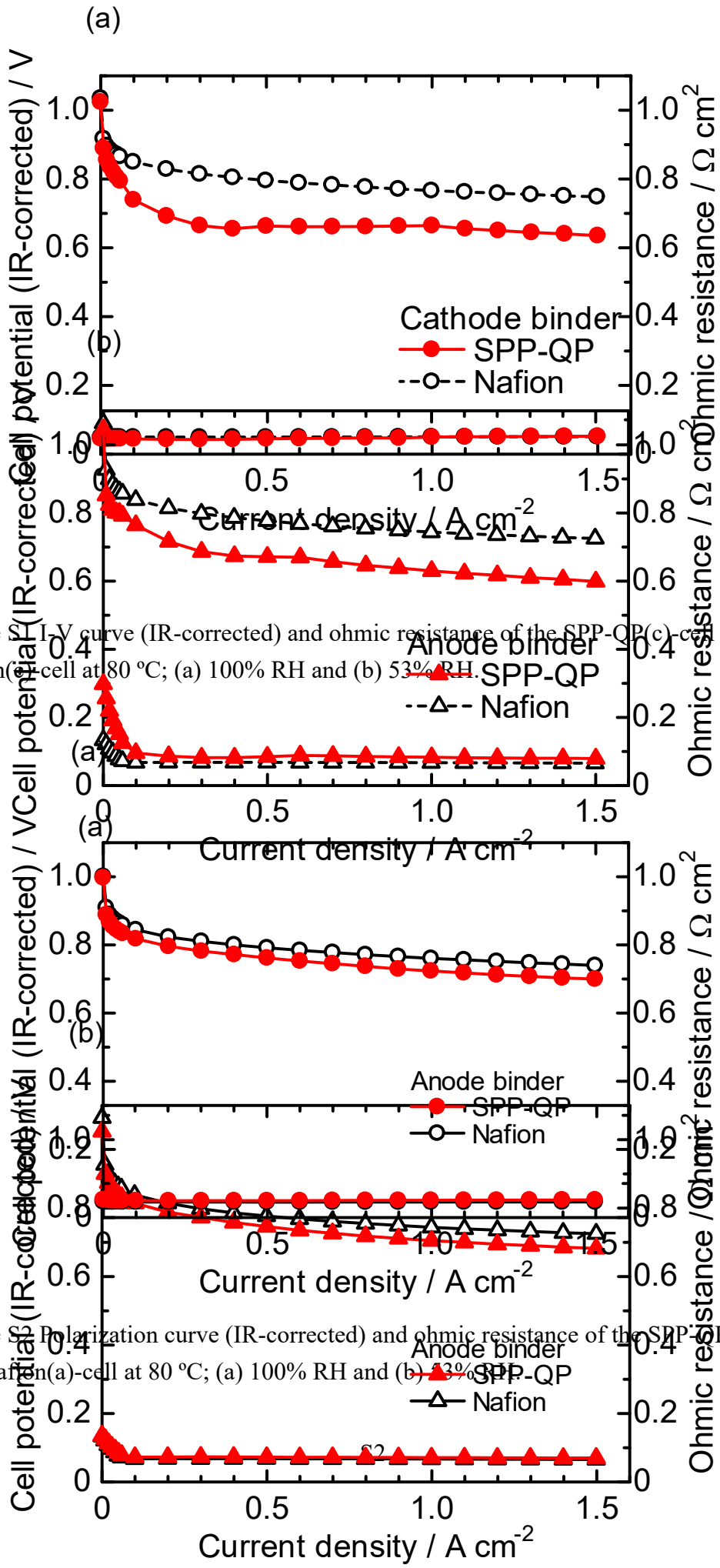


Figure 5. Polarization curve (IR-corrected) and ohmic resistance of the SPP-QP(a)-cell and Nafion(b)-cell at 80 °C; (a) 100% RH and (b) 53% RH.

Figure 6. Polarization curve (IR-corrected) and ohmic resistance of the SPP-QP(a)-cell and Nafion(b)-cell at 80 °C; (a) 100% RH and (b) 53% RH.